

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/053284

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H04Q7/38

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
EPO-Internal, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 101 382 A (GRANBERG CHRISTER) 8 August 2000 (2000-08-08) column 4, line 43 - column 6, line 64; figure 1 column 7, line 11 - line 46; figure 3	1-14
A	US 2003/114154 A1 (LIN JANETTE ET AL) 19 June 2003 (2003-06-19) paragraph '0006! - paragraph '0013!	1-14
A	US 6 006 094 A (LEE MAN YIU) 21 December 1999 (1999-12-21) column 1, line 59 - column 2, line 61; figures 1,2	1-7, 10-14
A	WO 02/091717 A (KOVANEN PASI ;SAKSANEN PAULI (FI); SONERA OYJ (FI)) 14 November 2002 (2002-11-14) page 5, line 22 - page 6, line 8	1-3, 10-14

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

2 March 2005

Date of mailing of the international search report

09/03/2005

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6101382	A	08-08-2000	AU 742084 B2	20-12-2001
			AU 8565898 A	08-03-1999
			BR 9811178 A	25-07-2000
			CA 2299722 A1	25-02-1999
			CN 1276130 A	06-12-2000
			EP 1002433 A2	24-05-2000
			JP 2001516190 T	25-09-2001
			WO 9909760 A2	25-02-1999
			TR 200000396 T2	22-05-2000
US 2003114154	A1	19-06-2003	NONE	
US 6006094	A	21-12-1999	WO 9620574 A1	04-07-1996
			AU 700807 B2	14-01-1999
			AU 1371595 A	19-07-1996
			EP 0808548 A1	26-11-1997
			FI 972686 A	19-06-1997
			JP 10512108 T	17-11-1998
WO 02091717	A	14-11-2002	FI 20010929 A	05-11-2002
			WO 02091717 A1	14-11-2002